



INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known			
		Application Number		10/758,410 10758415	
		Filing Date		January 16, 2004	
		First Named Inventor		William S. Brusilow	
		Group Art Unit		1614	
		Examiner Name		Zohreh Vakili	
Sheet	1	of	1	Attorney Docket Number	2930-109
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
* /ZV/		Hertz et al., "Astrocytes:Glutamate Producers for Neurons", JOURNAL OF NEUROSCIENCE RESEARCH, 57:417-428 (1999).			
* /ZV/		Apostol et al., "A cell-based assay for aggregation inhibitors as therapeutics of polyglutamine-repeat disease and validation in <i>Drosophila</i> "; PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES" 2003 May 13, 100 (10):5950-5955.			
* /ZV/		Swanson et al., "Methionine Sulfoximine Reduces Cortical Infarct Size in Rats After Middle Cerebral Artery Occlusion", STROKE, vol. 21, No. 2, February 1990, pp 322-327.			
* /ZV/		Lamar et al., "The duration of the inhibition of glutamine synthetase by methionine sulfoximine", BIOCHEMICAL PHARMACOLOGY, vol. 17, pp 636-640, 1968			
* /ZV/		Takahashi et al., "Inhibition of brain glutamine accumulation prevents cerebral edema in hyperammonemic rats", THE AMERICAN PHYSIOLOGICAL SOCIETY, 1991, pgs. H825-H829.			
* /ZV/		Hack et al., "Glufosinate Ammonium-Some aspects of its mode of action in mammals", FD CHEM. TOXIC., vol. 32, no. 5, pp 461-470, 1994.			
* /ZV/		Gill et al., "The crystal structure of phosphinothricin in the active site of glutamine synthetase illuminates the Mechanism of Enzymatic Inhibition", BIOCHEMISTRY 2001, 40, 1903-1912.			
Examiner Signature		/Zohreh Vakili/ (08/24/2007)		Date Considered	/Zohreh Vakili/ (08/24/2007)

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* Did not receive

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
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/ZV/	AA	Blei, Andres T., et al., "Ammonia-Induced Brain Edema and Intracranial Hypertension in Rats After Portacaval Anastomosis," <i>Hepatology</i> 19(6): 1437-1444, June 1994.					
	AB	Brusilow, Saul W. "Inborn Errors of Urea Synthesis," In: <i>Scriver CR, Lloyd JK, eds. Genetic and Metabolic Disease in Pediatrics</i> . 5: 140-165, London: Butterworths, 1985.					
	AC	Brusilow, Saul W., et al., "Urea Cycle Disorders: Diagnosis, Pathophysiology, and Therapy," <i>Advances in Pediatrics</i> 43:127-170, 1996.					
	AD	Butterworth, R.F., "Effects of Hyperammonaemia on Brain Function," <i>J. Inher. Metab. Dis.</i> 21(1):6-20, 1998.					
	AE	Cordoba, Juan, et al., "Brain Edema and Hepatic Encephalopathy," <i>Seminars in Liver Disease</i> 16(3): 271-280, 1996.					
	AF	Folbergrova, J., "Free Glutamine Level in the Rat Brain In Vivo After Methionine Sulfoximine Administration," <i>Physiologia Bohemoslovenica</i> 13:21-26, 1963.					
	AG	Gershoff, S.N., et al., "The Relative Effect of Methionine Sulfoximine on Different Animal Species," <i>J. Nutr.</i> 45:451-458, 1951.					
	AH	Häussinger, Dieter, et al., "Pathogenesis of Hepatic Encephalopathy," <i>Journal of Gastroenterology and Hepatology</i> 17:S256-S259, 2002.					
	AI	Hawkins, Richard, et al., "Effect of Reducing Brain Glutamine Synthesis on Metabolic Symptoms of Hepatic Encephalopathy," <i>Journal of Neurochemistry</i> 60(3):1000-1006, 1993.					
	AJ	Hawkins, Richard, et al., "Hyperammonaemia Does Not Impair Brain Function in the Absence of Net Glutamine Synthesis," <i>Biochem. J.</i> 277:697-703, 1991.					
	AK	Hirata, Takahiko, et al., "Impaired Pial Arteriolar Reactivity to Hypercapnia During Hyperammonemia Depends on Glutamine Synthesis," <i>Stroke</i> 27(4): 729-736, 1996.					
	AL	Jonung, Torbjorn, et al., "Methionine Sulfoximine Prevents the Accumulation of Large Neutral Amino Acids in Brain of Hyperammonemic Rats," <i>J. Surgical Research</i> 36:349-353, 1984.					
	AM	Krakoff, Irwin H., et al., "Effect of Methionine Sulfoximine in Man," <i>J. Pharm. Experimental Ther.</i> 2:599-604, 1961.					
▼	AN	Lamar, C., et al., "The Duration of the Inhibition of Glutamine Synthetase by Methionine Sulfoximine," <i>Biochemical Pharmacology</i> 17:636-642, 1968.					
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/ZVI/	AO	Master, Sonali, et al., "Cerebral Blood Flow and the Development of Ammonia-Induced Brain Edema in Rats After Portacaval Anastomosis," <i>Hepatology</i> 30(4): 876-880, 1999.	
	AP	Norenberg, Michael D., et al., "Fine Structural Localization of Glutamine Synthetase in Astrocytes of Rat Brain," <i>Brain Research</i> 161:303-310, 1979.	
	AQ	Richman, Paul G., et al., "Inhibition of γ -Glutamylcystein Synthetase by L-Methionine-S-Sulfoximine," <i>J. Biological Chemistry</i> 248(19): 6684-6690, 1973.	
	AR	Rowe, W. Bruce, et al., "Identification of L-Methionine-S-Sulfoximine as the Convulsant Isomer of Methionine Sulfoximine," <i>Proceedings of the National Academy of Sciences</i> 66(2): 500-506, June 1970.	
	AS	Sellinger, Otto Z., et al., "Methionine Sulfoximine Seizures. VII. the Dissociation of the Convulsant and Glutamine Synthetase Inhibitory Effects," <i>J. Pharmacology & Experimental Therapeutics</i> 161(1): 212-222, 1968.	
	AT	Sugimoto, Hideyoshi, et al., "Methionine Sulfoximine, A Glutamine Synthetase Inhibitor, Attenuates Increased Extracellular Potassium Activity During Acute Hyperammonemia," <i>Journal of Cerebral Blood Flow & Metabolism</i> , 17:44-49, 1997.	
	AU	Takahashi, Hideo, et al., "Inhibition of Brain Glutamine Accumulation Prevents Cerebral Edema in Hyperammonemic Rats," <i>American Physiological Society</i> 261:H825-H829, 1991.	
	AV	Voorhies, Theresa M., "Acute Hyperammonemia in the Young Primate: Physiologic and Neuropathologic Correlates," <i>Pediatric Research</i> 17(12):970-975, 1983.	
	AW	Wada, John A., et al., "The Susceptibility of Auditory Stimuli of Animals Treated with Methionine Sulfoximine," <i>Experimental Neurology</i> 15:157-165, 1966.	
	AX	Warren, Kenneth S., et al., "Effect of an Inhibitor of Glutamine Synthesis (Methionine Sulfoximine) on Ammonia Toxicity and Metabolism," <i>J. Lab. & Clin. Med.</i> 64(3): 442-449, 1964.	
	AY	Watson, Alan J., et al. "Transient Idiopathic Hyperammonaemia in Adults," <i>The Lancet</i> 1271-1274, December 7, 1985.	
	AZ	Willard-Mack, C.L., et al., "Inhibition of Glutamine Synthetase Reduces Ammonia-Induced Astrocyte Swelling in Rat," <i>Neuroscience</i> 71(2): 589-599, 1996.	
	BA	Zwingmann, Claudia, et al., "Multinuclear NMR Spectroscopy Studies on NH4Cl-Induced Metabolic Alterations and Detoxification Processes in Primary Astrocytes and Glioma Cells," <i>Dev. Neurosci</i> 20:417-426, 1998.	
	BB	Apostolakis et al., <i>Brain Research Bulletin</i> , Vol. 23, pp. 257-262 (1989).	
	BC	Ginefri-Gayet et al., <i>Pharmacology Biochemistry and Behavior</i> , Vol. 43, pp. 173-179 (1992).	
	BD	Takahashi et al., <i>Circulation Research</i> , 71(5), 1220-1230 (November, 1992).	
▼	BE	Harth et al., <i>J. Exp. Med.</i> , 189(9), 1425-1435 (May 3, 1999).	
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IF

THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Filed : January 16, 2004
TC/A.U. : 1614
Examiner :

Docket No. : 2930-109
Customer No. : 06449
Confirmation No. : 5654

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Director of the United States Patent
and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

During a review of the references filed on December 20, 2004, it was noted that the attached reference entitled "Urea Cycle Disorders: Diagnosis, Pathophysiology, and Therapy" was missing several pages. Attached is a complete copy of that reference for the Examiner's review.

Respectfully submitted,

By *M. Chin Kitts*

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Attorney for Applicants
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